**PATENT** 2283-1-001

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)

Marc Gagné

SERIAL NO.

08/952,574

FILED

November 11, 1997

**FOR** 

GENETICALLY TREATED ANIMALS

EXPRESS MAIL "MAILING CERTIFICATE NO."

EV 117463257 US

DATE OF DEPOSIT 

MAY 31, 2002

### PETITION TO ESTABLISH FILING DATE

ASSISTANT COMMISSIONER FOR PATENTS **BOX PCT** WASHINGTON, D.C. 20231

ATTENTION: PCT LEGAL

Dear Sir:

Applicant herein petitions for the establishment of a filing date for the above-identified Application which was to have entered the National Phase of the Patent Cooperation Treaty before the United States Patent and Trademark Office. Inasmuch as telephone discussions with a representative in the designated office of the PCT before the U.S. Patent and Trademark Office revealed that the file in question cannot be located, the following information and documents are herewith submitted.

**BEST AVAILABLE COPY** 

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Attorney Docket No.: 2283-1-001

Initially, the present Application entered the National Phase of the Patent Cooperation

Treaty before the U.S. Patent and Trademark Office by the submission by Express Mailing of the Application as published before the International Authority, together with appropriate Small Entity Statements, two (2) sheets of drawings, a check in the amount of \$682.00 covering the filing fee thereof and copies of the International Examination Report and International Search Report. Copies of these documents are enclosed herewith and are set forth as Exhibit 1. This filing was conducted on November 10, 1997 and the canceled postoffice express mail receipt bearing that date was also obtained, and a copy of the same is enclosed as Exhibit 2.

Thereafter, Applicant received the hand-cancelled postcard receipt that accompanied the Application at filing, bearing the present Serial No. and indicating the date of receipt by the PCT/PTO of 10 November 1997. A copy of this document is likewise enclosed as Exhibit 3. Subsequent thereto, Applicant submitted to the Patent and Trademark Office a duly completed Information Disclosure Statement together with necessary form PTO-1449. These documents were likewise submitted together with a postcard receipt and a copy of the documents together with a copy of the cancelled postcard receipt evidencing receipt of the PTO as of December 22, 1997 is attached hereto as Exhibit 4.

Subsequent thereto, Applicant forwarded for filing a duly executed Assignment document vesting ownership and title in the invention in a company identified as IMMUNOVA. This document was likewise accompanied by a postcard and the cancelled postcard indicating also, a date of receipt by the Patent and Trademark Office of December 22, 1997 is enclosed herewith as Exhibit 5.

Attorney Docket No.: 2283-1-001

Subsequently, the file reveals that the duly recorded Assignment document was forwarded to Applicant in accordance with customary procedures by the PTO, and included the usual cover sheet reflecting the recordation date and the reel and frame number of the Assignment. A copy of this documentation, including the cover sheet dated February 12, 1998, is enclosed herewith as Exhibit 6.

In accordance with customary procedure in the present office, the Application was called up for review and as no activity had been observed, a Status Inquiry letter was forwarded as of July 14, 2000. The cancelled postcard receipt was returned to the undersigned and was stamped by the Patent and Trademark Office as of July 17, 2000. A copy of the cancelled postcard is likewise attached hereto as Exhibit 7. A further Status Inquiry was forwarded to the Patent and Trademark Office as of July 6, 2001, and was likewise duly received with a return of our postcard receipt with appropriate cancellation from the U.S. Patent and Trademark Office. A copy is attached hereto as Exhibit 8.

A further or third Status Inquiry was mailed on October 10, 2001 and the postcard receipt was returned with the date of October 12, 2001. This document is attached hereto as Exhibit 9.

A fourth Status Inquiry was filed on February 25, 2002 and was acknowledged by the return of a cancelled postcard dated March 5, 2002. Both documents are attached hereto as Exhibit 10.

It is Applicant's position that at all times relevant, all actions necessary to be taken in the Entry into the National Phase and the diligent pursuit of the present Application had been so taken, and that the present Application is accordingly entitled to the formal assignment of a Serial No. and filing date, and, subsequently, the orderly and processing through examination before the U.S. Patent and Trademark Office. Applicant believes that he has complied with all

Attorney Docket No.: 2283-1-001

the necessary requirements that are prerequisite to the receipt of filed status and the examination of the subject matter, and such action is accordingly believed to be in order and is courteously solicited.

Respectfully submitted,

DAVIDA/JAC

Attorney for Applicant Registration No. 26,742

Klauber & Jackson 411 Continental Plaza Hackensack, NJ 07601 (201)487-5800 Enclosures

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PCT/CA 96/00297 A. CLASSIFICATION OF SUBJECT MATTER
IPC 6 C12N15/55 A61K48/00 A01K67/027 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 6 A61K C12N Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category \* Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages X APPLIED AND ENVIROMENTAL MICROBIOLOGY, 1-9, vol. 60, no. 3, March 1994, 12-18 pages 771-776, XP000579799 "EXPRESSION OF THE WILLIAMSON ET AL: LYSOSTAPHIN GENE OF STAPHYLOCOCCUS SIMULANS IN A EUKARYOTIC SYSTEM" see whole document, noting especially 10 comments in last paragraph of page 775 X WO,A.93 25567 (GENPHARM INT : DEBOER HERMAN 1-9. A (NL); STRIJKER REIN (NL); HEYNEKER H) 23 11-18 December 1993 see page 6, line 15 - page 9, line 16 10 see page 12, line 15 - page 31, line 13 X Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) document of particular relevance; the claimed in taken alone cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 16, 09, 96. 6 September 1996 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL - 2220 HV Rijswijk Tcl. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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# INTERNATIONAL SEARCH REPORT

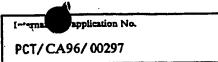
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see colum	n 3, line 31 - column 5, line 26 n 6, line 45 - column 9, line 21	10
vol. 11, pages 211 NABEL ET IMMUNOTHE	BIOTECHNOLOGY, no. 5, May 1993, -215, XP000389867 AL: "DIRECT GENE TRANSFER FOR RAPY AND IMMUNIZATION" hole document	1-8, 11-18
December see page paragraph	9, paragraph 4 - page 10, 1 11, paragraph 6 - page 12,	10
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Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X Claims Nos.: 1-12 because they relate to subject matter not required to be searched by this Authority, namely: Remark: Although these claims are directed to a method of treatment of the human/animal body the search has been carried out and based on the alleged effects of the compound/composition.
Claims Nos.:  because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. As all searchable claims could be searches without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

# INTERNAL SEARCH REPORT

information on patent family members

Interional Application No PCT/CA 96/00297

Patent document cited in search report	Publication date	Patent family member(s)		Publication date	
WO-A-9325567	23-12-93	AU-B- EP-A- JP-T-	4537393 0652889 8504562	04-01-94 17-05-95 21-05-96	
EP-A-0279582	24-08-88	AU-B- AU-B- AU-B- AU-B- CA-A- JP-A- US-A-	618524 1178488 661696 1941092 1321764 63309192 5304489	02-01-92 18-08-88 03-08-95 24-09-92 31-08-93 16-12-88 19-04-94	
WO-A-9118512	12-12-91	AU-B- AU-B- CA-A- EP-A- US-A-	650459 7953191 2083595 0532650 5378819	23-06-94 31-12-91 26-11-91 24-03-93 03-01-95	
EP-A-0448511	25-09-91	AU-B- AU-B- CA-A- JP-A- US-A-	655579 7279791 2037806 4217903 5348743	05-01-95 19-09-91 13-09-91 07-08-92 20-09-94	





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Serial No. <u>U8/952,5/4</u> File No. <u>22</u>	
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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Marc Gagné

Serial No.:

08/952,574

Filed:

November 11, 1997

For:

GENETICALLY TREATED ANIMALS

## INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56

Assistant Commissioner for Patents Washington, DC 20231 U.S.A..

Sir:

Submitted herewith on form PTO-1449 is a listing of documents known to applicants in order to comply with applicant's duty of disclosure pursuant to 37 C.F.R. Section 1.56. Copies of the documents are also being submitted herewith to comply with the provisions of 37 C.F.R. Sections 1.97 and 1.98.

The references included herewith have been cited in the specification of the instant application.

The submission of these documents is not intended as an admission that any or all of these materials are prior art against the claims of the present application. Applicants do not waive any rights to take any action which would be appropriate in the event that one or more of the documents are determined to be questionable as references against the claims of the present application.

Respectfully submitted,

BA:

David A Jackson, Reg. No. 26742

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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Benvenisty et al., 1986, PNAS USA 83:9551;

Bramley et al., 1990, Res. Vet. Sci., 49:120;

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Felgner et al., 1987, PNAS USA, 84:7413;

Date considered
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Examiner

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UNITED STATES DEPARTMENT OF COMMERCE Patent and Transpark Office
ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS Washington, D.C. 20231

FEBRUARY 12, 1998

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KLAUBER & JACKSON DAVID A. JACKSON 411 HACKENSACK AVENUE, 4TH FLOOR HACKENSACK, NEW JERSEY 07601

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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 12/22/1997

REEL/FRAME: 8866/0068

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

GAGNE, MARC

DOC DATE: 11/20/1997

ASSIGNEE:

**IMMUNOVA** 

BUREAU 110, 2750 RUE EINSTEIN

SAINTE-FOY, CANADA G1P 4R1

SERIAL NUMBER: 08952574

PATENT NUMBER:

FILING DATE: ISSUE DATE:

DOROTHY RILEY, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS FORM PTO-1595 (Rev. 6/93)

1-08-1998

DEPARTMENT OF COMMERCE Patent and Trademark Office

# 100600790 ER SHEET PATENTS ONLY

Attorney Docket No. 2283-1-001

To the Assistant Commissioner for Patents					
1. Name of conveying party(ies): MRD 12/39/97  Marc GAGNÉ  Additional name(s) of conveying party(ies) attached? [1 Yes [X] No  3. Nature of conveyance:  [X] Assignment [] Merger [] Security Agreement [] Change of Name  Other:  Execution Date: November 20, 1997	2. Name and address of receiving party(ies):  Name:IMMUNOVA  Address: Bureau 110, 2750 rue Einstein Sainte-Foy. Ouébec G1P 4R1 Additional name(s) & address(es) attached? [] Yes [X] No				
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the A. Patent Application No.(s)  08/952,574  Additional numbers attach	B. Patent No.(s)				
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: DAVID A. JACKSON  Address: KLAUBER & JACKSON  411 Hackensack Avenue, 4th Floor  Hackensack, New Jersey 07601	Total number of applications and patents involved: 1  Total fee (37 CFR 3.41): \$40,00  [X] Enclosed  [] Authorized to be charged to deposit account, if necessary for overages or underpayments only  8. Deposit account number:  11-1153  (Attach duplicate copy of this page if paying by deposit account)				
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true of  David A. Jackson. Reg. No. 26,742  Name of Person Signing					

Mail documents to be recorded with required cover sheet information to:

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	Priority Document	Power of Attorney
	☐ Amendment ☐ Response	

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)

Marc Gagné

SERIAL NO.

08/952,574

**FILED** 

November 11, 1997

**FOR** 

**GENETICALLY TREATED ANIMALS** 

Certificate of Mailing Under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, DC 20231 on <u>July 14, 2000</u>.

David A. Jackson, Reg. No. 26,742

(Name of Registered Representative)

(Signature and Date)

#### **STATUS INQUIRY**

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Dear Sir:

Please be so kind as to advise the undersigned of the status of the above-identified application, and as to when a substantive action can be expected.

Respectfully submitted,

DAVID A JACKSON

Attorney for Applicant Registration No. 26,742

Klauber & Jackson 411 Continental Plaza Hackensack, NJ 07601 (201)487-5800

Serial No. 08/952,574 File No. 22	283-1-001 <sub>By</sub> DAJ/1s
Title GENETICALL / TREATED A	NIMALS
In the Matter of the Application of Marc	: Gagne
The following was received in the U.S. Pa	atent & Trademark Office on the date
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STATUS INQUIRY	ć ć
☐ Transmittal Sheet/Cover Ltr.	Extension of Time
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☐ Check for \$	Renewal Application Notice of Appeal
Letter Missing	Brief Petition
☐ Priority Document	☐ Power of Attorney
☐ Amendment ☐ Response	

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APPLICANT(S)

Marc Gagné

SERIAL NO.

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David A. Jackson, Reg. No. 26,742

(Name of Registered Representative)

(Signature and Date)

#### **STATUS INQUIRY**

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

Dear Sir:

Please be so kind as to advise the undersigned of the status of the above-identified application, and as to when a substantive action can be expected. The undersigned requested the status of the captioned application on July 14, 2000. To date, no response to our previous status inquiry has been received.

Respectfully submitted.

DAVID/A. JACK Attorney for Applicant Registration No. 26,742

Klauber & Jackson 411 Continental Plaza Hackensack, NJ 07601 (201)487-5800

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# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S)

Marc Gagné

SERIAL NO.

08/952,574

**FILED** 

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David A. Jackson, Reg. No. 26,742

(Name of Registered Representative)

(Signature and Date)

#### STATUS INQUIRY

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Dear Sir:

Please be so kind as to advise the undersigned of the status of the above-identified application, and as to when a substantive action can be expected. The undersigned requested the status of the captioned application on July 14, 2000. The undersigned requested another status of the application on July 6, 2001, but did not receive a return stamped postcard. No response to our previous status inquiry has been received.

Respectfully submitted,

DAVID A. JACKSON Attorney for Applicant

Registration No. 26,742

Klauber & Jackson 411 Continental Plaza Hackensack, NJ 07601 (201)487-5800

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APPLICANT(S)

Marc Gagné

SERIAL NO.

08/952,574

**FILED** 

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David A. Jackson, Reg. No. 26,742

(Name of Registered Representative)

(Signature and Date)

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Dear Sir:

Please be so kind as to advise the undersigned of the status of the above-identified application, and as to when a substantive action can be expected. The undersigned requested the status of the captioned application on July 14, 2000; July 6, 2001; and October 10, 2001. A copy of the inquiries are enclosed herewith along with the stamp-receipt postcards. No response to our previous status inquiries have been received.

Respectfully submitted,

Attorney for Applicant Registration No. 26,742

Klauber & Jackson 411 Continental Plaza Hackensack, NJ 07601 (201)487-5800

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